

CLMPTO 09/22/04 JW

Cancel Claims 1-11 & 16, 19

Amend Claims 12,

12. (Currently amended) A method for use in a node of a network comprising:
storing location information of other nodes of the network, wherein said location
information comprises a global position represented by at least two coordinates,
exchanging the stored location information with adjacent nodes of the network,
and

The method of claim 1, wherein said node stores a local topology and said node
stores said location information of other nodes within and outside said local topology.

13. (Previously presented) The method of claim 12, wherein said node uses a
geometry-based routing protocol to transmit said location information to nodes outside
of said local topology.

14. (Previously presented) The method of claim 13, wherein said node
determines a distance from a destination node outside of said local topology to nodes in
said local topology using said geometry-based routing protocol and said location
information to identify the closest node in said local topology for routing to said
destination node.

15. (Currently amended) The method of claim 12, wherein said node
determines said coordinates from information received from a global positioning system.

16. (Canceled)

17. (Previously presented) The method of claim 12, said local topology of said
node being nodes located within a predetermined number of hops from said node.

18. (Previously presented) The method of claim 17, wherein said local topology
of said node comprises a first set of nodes having a point-to-point link to said node and
a second set of nodes having a point-to-point link to a node in said first set of nodes.

19. (Canceled)

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